REMARKS

The present amendment is in response to the Office Action mailed February 16, 2006, in which Claims 1-7, 9-12, 14-17 and 19 were rejected. Applicant has thoroughly reviewed the outstanding Office Action including the Examiner's remarks and the references cited therein. The following remarks are believed to be fully responsive to the Office Action and are believed to render the claims at issue patentable.

Claim Rejections - 35 U.S.C. § 103

According to the Office Action, Claims 1, 4, and 7 were rejected under 35 U.S.C. 103(a) as being unpatentable over Harvey et al. (US 6,042,474) in view of Salmen et al. (US 2002/0094283 A1) and further in view of Perazzo (US 6,813,152 B2). Claims 2 and 3 were rejected under 35 U.S.C. 103(a) as being unpatentable over Harvey et al. modified by Salmen et al. and Perazzo as applied to Claim 1, and in view of Varghese et al. (US 2001/0037985). Claim 5 was rejected under 35 U.S.C. 103(a) as being unpatentable over Harvey et al. modified by Salmen et al. and Perazzo as applied to Claim 4, and further in view of Bonet (US 6,414,845 B2). Claims 6, 9, and 11 were rejected under 35 U.S.C. 103(a) as being unpatentable over Harvey et al. modified by Salmen et al. and Perazzo, and further in view of Seesemann (US 6,384,733 B1). Claim 10 was rejected under 35 U.S.C. 103(a) as being unpatentable over Harvey et al. modified by Salmen et al., Perazzo and Seesemann as applied to Claim 9, and further in view of Varghese. Claim 12 was rejected under 35 U.S.C. 103(a) as being unpatentable over Harvey et al. modified by Salmen et al. and Perazzo and Seesemann as applied to claim 11, and further in view of Bonet. Claim 14 was rejected under 35 U.S.C. 103(a) as being unpatentable over Harvey et al. modified by Salmen et al., Perazzo and Seesemann, and further in view of Smith et al. (US 6,801,428 B2). Claims 15 and 16 were rejected under 35 U.S.C. 103(a) as being unpatentable over Harvey et al. modified by Salmen et al., Perazzo, Seesemann, and Smith et al. as applied to claim 14, and further in view of Varghese et al. Claim 17 was rejected under 35 U.S.C. 103(a) as being unpatentable over Harvey et al. modified by Salmen et al., Perazzo, Seesemann, Smith et al. and Varghese et al., and further in view of Bonet. Claim 19 was rejected under 35 U.S.C. 103(a) as being unpatentable over Harvey et al. in view of Salmen et al.

Applicant respectfully traverses these rejections. With respect to claim 1 of the present application, the heat dissipation module with twin centrifugal fans includes a honeycomb panel, a first fan, an air duct, a second fan, and an upper cover and a bottom cover. Especially, sliding rails are formed by the edges of the upper cover and the bottom cover on both sides of the first fan and the second fan of the heat dissipation module. Therefore, the upper cover and the bottom cover are utilized to not only couple with the first fan and the second fan, but also provide the heat dissipation module with an ability to slide and couple to the electrical equipment while the heat dissipation module is being inserted into the electrical equipment.

As mentioned by the Examiner in the Office Action, Harvey does not explicitly indicate that the edges of the upper cover and the bottom cover are provided with sliding rails on both sides of the first fan and the second fan of the heat dissipation. However, Salmen also fails to teach or suggest utilizing the edges of the upper cover and the bottom cover provided with sliding rails.

Referring to FIGS. 4 and 5 and paragraphs [0025]-[0027] of US 2002/0094283 A1, Salmen discloses a fan module with two springy guiding and latching elements 43 for guiding the fan module during the insertion process into the corresponding fan housing 44. Using the appropriate latching elements of the fan housing, in the completely inserted position, a latching action is possible, which in turn is especially easily implemented due to the fact that the latching elements 43 are realized as springy.

Salmen teach away from utilizing the edges of the upper cover and the bottom cover provided with sliding rails. Referring to FIGS. 4 and 5 again, although the edges of the covers disclosed by Salmen are extended outwardly, Salmen still discloses to utilize the guiding and latching elements 43 to guide the fan module during the insertion process into the corresponding fan housing 44. Accordingly, Salmen never teaches or suggests utilizing the edges of the upper cover and the bottom cover provided with sliding rails. In addition, the present application discloses a heat dissipation module with twin centrifugal fans, but Salmen discloses an axial flow fan module. Accordingly, the structure thereof is different from that of the present application.

Claim 1 is not obvious even in view of the cited references. For the same reason, claims 9 and 14, and claim 19 are also not obvious. Applicant respectfully submits that independent claims 1, 9, 14 and 19 are allowable over the cited references. In addition, claims 2-7, 10-12 and 15-17 depend on claims 1, 9 and 14 respectively, and add further limitations thereto, are also allowable over the cited references.

Accordingly, in view of the invention as a whole, applicant respectfully submits that Claims 1-7, 9-12, 14-17 and 19 are not obvious in view of the cited references and respectfully requests withdrawal of the rejections under 35 U.S.C. § 103(a) thereof. Now that the rejections in the Office Acton have been overcome, withdrawal of the rejections and expedited passage of the application to issue are respectfully requested.

CONCLUSION

In light of the above amendments and remarks, Applicant respectfully submits that all pending claims as currently presented are in condition for allowance and hereby respectfully request reconsideration. Applicant respectfully requests the Examiner to pass the case to issue at the earliest convenience.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,
LOWE HAUPTMAN & BERNER, LLP

Benjamin J. Hauptman
Registration No. 29,310

USPTO Customer No. 22429
1700 Diagonal Road, Suite 300
Alexandria, VA 22314
(703) 684-1111
(703) 518-5499 Facsimile
Date: April 14, 2006
BJH/ayw

CERTIFICATION OF FACSIMILE TRANSMISSION
I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMILE TRANSMITTED TO THE PATENT AND TRADEMARK OFFICE ON THE DATE SHOWN BELOW

Ayesha Wilson
TYPE OR PRINT NAME OF PERSON SIGNING CERTIFICATION

Ayesha Wil 4/14/06
SIGNATURE DATE

571-273-8300
FACSIMILE NUMBER